

Science Curriculum Map

Below is a curriculum map, showing what is taught at each stage of the year. Each topic has an end of topic assessment focussed on both multiple choice questions and extended writing questions. End of unit assessments are cumulative. At KS4 mock exams are made from multiple topics to expose students to a wide range of questions and mark scheme language ahead of their exams in Year 11.

	Unit 1	Unit 2	Unit 3
Year 7	Working Scientifically (AWR) Separating Mixtures (AWR) Forces Particle Model 1 Bioenergetics (Photosynthesis) AWR	Energy 1 The Atom Organisation 1 (Digestion) Microscopy Particle Model 2 Electricity 1 Organisation 2 (Movement) NSS	Forces 2 Interdependence Elements and the Periodic Table Magnetism The Cell Energy 2 MWE
Year 8	Bioenergetics Acids and Bases Waves Organisation (Transport) MWE	Particle Theory Electronic Structure Organisation (Health and Disease) Atoms and Bonding MWE	Electricity Biodiversity Energy changes and Rates of Reaction Forces 2 (Motion) Reactivity Series MWE
Year 9	Genetics 1 Bonding, Structure and Properties Forces 3 Bioenergetics (Photosynthesis) Quantitative Chemistry NSS	Working Scientifically Genetics 2 <u>AQA Combined Science GCSE Course Begins</u> Atomic Structure Energy Cell Biology NSS	Organisation 1 (Plants) Bioenergetics (Respiration) Electricity Chemical Changes Organisation (Animals) NSS

Year 10	Bonding and Structure Infection and Response Energy Organic Chemistry Organisation 2 (Animals) AWR	Forces 1 Homeostasis and Response Rate & Extent of Chemical Change Forces 2 Ecology Quantitative Chemistry AWR	Particle Model Inheritance & Variation Forces 3 Atomic Structure Chemical Analysis Energy Changes AWR	
Year 11	Ecology Rate & Extent of Chemical Change Homeostasis Forces 2 Inheritance Waves Chemistry of the Atmosphere Forces 3 PLS/MBS	Variation & Evolution Using Resources Chemical Analysis Magnetism and Electromagnetism finish: Jan end. PLS/MBS		